



*Accurate. Deadly. Dependable.*

## Safety Data Sheet One Shot Metal Polish

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### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1 Product identifier

Product name	One Shot Metal Polish
Product number	9993
Brand	Hornady Manufacturing Company

#### 1.2 Relevant identified uses of the substance or mixture and uses advised against

Metal Polish

#### 1.3 Details of the supplier of the safety data sheet

Name	Hornady Manufacturing Company
Address	3625 W. Old Potash Hwy. Grand Island NE 68803 USA
Telephone	308-382-1390

#### 1.4 Emergency telephone number

CHEMTREC 1-800-424-9300

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### SECTION 2: Hazards identification

#### General hazard statement

"Consumer Products", as defined by the US Consumer Product Safety Act and which are used as intended (typical consumer duration and frequency), are exempt from the OSHA Hazard Communication Standard (29 CFR 1910.1200). This SDS is being provided as a courtesy to help assist in the safe handling and proper use of the product.

#### 2.1 Classification of the substance or mixture

##### Classification according to Regulation (EC) No 1272/2008 (CLP)

- Acute toxicity, dermal (chapter 3.1), Cat. 4, H312
- Hazardous to the aquatic environment, long-term (chronic) (chapter 4.1), Cat. 2, H411
- Hazardous to the aquatic environment, acute hazard (chapter 4.1), Cat. 2, H401
- Carcinogenicity (chapter 3.6), Cat. 1A, H350
- Serious eye damage/eye irritation (chapter 3.3), Cat. 1, H318
- Toxic to reproduction (chapter 3.7), Cat. 2, H361
- Skin corrosion/irritation (chapter 3.2), Cat. 1C, H314
- Skin sensitizer (chapter 3.4), Cat. 1, H317
- Specific target organ toxicity following repeated exposure (chapter 3.9), Cat. 1, H372

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For the full text corresponding to the "H"-codes displayed in this section, refer to Section 16.

### 2.2 Label elements

#### Labelling according to Regulation (EC) No 1272/2008 [CLP]

##### Hazard pictograms



1. Corrosion; 2. Exclamation mark; 3. Health hazard; 4. Environment

##### Signal word

**Danger**

##### Hazard statement(s)

H312	Harmful in contact with skin
H314	Causes severe skin burns and eye damage
H317	May cause an allergic skin reaction
H318	Causes serious eye damage
H350	May cause cancer
H361	Suspected of damaging fertility or the unborn child [developmental toxicity, fertility]
H372	Causes damage to organs [lungs; liver, blood, kidneys, nervous system] through prolonged or repeated exposure [inhalation; ingestion]
H401	Toxic to aquatic life
H411	Toxic to aquatic life with long lasting effects

##### Precautionary statement(s)

P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P260	Do not breathe dust/fume/gas/mist/vapors/spray.
P261	Avoid breathing dust/fume/gas/mist/vapors/spray.
P264	Wash hands thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P301+P330+P331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P302+P352	IF ON SKIN: Wash with plenty of water/soap.
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308+P313	IF exposed or concerned: Get medical advice/attention.
P310	Immediately call a POISON CENTER/doctor.
P312	Call a POISON CENTER/doctor if you feel unwell.
P314	Get medical advice/attention if you feel unwell.
P321	Specific treatment (see label).
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P362+P364	Take off contaminated clothing and wash it before reuse.
P363	Wash contaminated clothing before reuse.
P391	Collect spillage.
P405	Store locked up.
P501	Dispose of contents/container in accordance with applicable Federal, State and local laws and regulations.

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### SECTION 3: Composition/information on ingredients

#### 3.2 Mixtures

##### Components

Component	Concentration
<b>Water (CAS no.: 7732-18-5; EC no.: 231-791-2)</b> CLASSIFICATIONS: No data available. HAZARDS: No data available.	<b>35 - 50 % (weight)</b>
<b>Kaolin, calcined (CAS no.: 92704-41-1; EC no.: 296-473-8)</b> CLASSIFICATIONS: No data available. HAZARDS: No data available.	<b>10 - 20 % (weight)</b>
<b>Flux calcined diatomaceous earth (CAS no.: 68855-54-9; EC no.: 272-489-0)</b> CLASSIFICATIONS: Specific target organ toxicity following repeated exposure (chapter 3.9), Cat. 1. HAZARDS: H372 - Causes damage to organs [lungs] through prolonged or repeated exposure [inhalation].	<b>10 - 20 % (weight)</b>
<b>Silica, crystalline cristobalite, respirable dust (CAS no.: 14464-46-1; EC no.: 238-455-4)</b> CLASSIFICATIONS: Acute toxicity, inhalation (chapter 3.1), Cat. 4; Carcinogenicity (chapter 3.6), Cat. 1A; Specific target organ toxicity following repeated exposure (chapter 3.9), Cat. 1. HAZARDS: H332 - Harmful if inhaled; H350 - May cause cancer; H372 - Causes damage to organs [lungs] through prolonged or repeated exposure [inhalation].	<b>5 - 10 % (weight)</b>
<b>2-Propanol, 1-(1-methyl-2-propoxyethoxy)- (CAS no.: 29911-27-1; EC no.: 249-949-4)</b> CLASSIFICATIONS: No data available. HAZARDS: No data available.	<b>1 - 5 % (weight)</b>
<b>Benzenesulfonic acid, mono-C9-17-branched alkyl derivs, compds with 2-propanamine (CAS no.: 68649-00-3; EC no.: 272-018-9) 1 - 5 % (weight)</b> CLASSIFICATIONS: Acute toxicity, oral (chapter 3.1), Cat. 4; Serious eye damage/eye irritation (chapter 3.3), Cat. 1; Skin corrosion/irritation (chapter 3.2), Cat. 1C; Specific target organ toxicity following single exposure (chapter 3.8), Cat. 3; Hazardous to the aquatic environment, long-term (chronic) (chapter 4.1), Cat. 2. HAZARDS: H302 - Harmful if swallowed; H314 - Causes severe skin burns and eye damage; H318 - Causes serious eye damage; H335 - May cause respiratory irritation; H411 - Toxic to aquatic life with long lasting effects.	<b>1 - 5 % (weight)</b>
<b>D-Limonene (CAS no.: 5989-27-5; EC no.: 227-813-5)</b> CLASSIFICATIONS: Flammable liquids (chapter 2.6), Cat. 3; Skin sensitizer (chapter 3.4), Cat. 1; Skin corrosion/irritation (chapter 3.2), Cat. 2; Hazardous to the aquatic environment, short-term (acute) (chapter 4.1), Cat. 1; Hazardous to the aquatic environment, long-term (chronic) (chapter 4.1), Cat. 1. HAZARDS: H226 - Flammable liquid and vapor; H315 - Causes skin irritation; H317 - May cause an allergic skin reaction; H400 - Very toxic to aquatic life; H411 - Toxic to aquatic life with long lasting effects.	<b>1 - 5 % (weight)</b>
<b>Oleic acid (CAS no.: 112-80-1; EC no.: 204-007-1)</b> CLASSIFICATIONS: Serious eye damage/eye irritation (chapter 3.3), Cat. 2; Skin corrosion/irritation (chapter 3.2), Cat. 2; Specific target organ toxicity following single exposure (chapter 3.8), Cat. 3. HAZARDS: H315 - Causes skin irritation; H319 - Causes serious eye irritation; H335 - May cause respiratory irritation.	<b>1 - 5 % (weight)</b>
<b>Carnauba wax (CAS no.: 8015-86-9; EC no.: 232-399-4)</b> CLASSIFICATIONS: No data available. HAZARDS: No data available.	<b>1 - 5 % (weight)</b>
<b>MORPHOLINE (CAS no.: 110-91-8; EC no.: 203-815-1; Index no.: 613-028-00-9)</b> CLASSIFICATIONS: Flammable liquids (chapter 2.6), Cat. 3; Acute toxicity, inhalation (chapter 3.1), Cat. 4; Acute toxicity, dermal (chapter 3.1), Cat. 4; Acute toxicity, oral (chapter 3.1), Cat. 4; Skin corrosion/irritation (chapter 3.2), Cat. 1B. HAZARDS: H226 - Flammable liquid and vapor; H302 - Harmful if swallowed; H312 - Harmful in contact with skin; H314 - Causes severe skin burns and eye damage; H332 - Harmful if inhaled.	<b>1 - 5 % (weight)</b>
<b>1,2,3-BENZOTRIAZOLE (CAS no.: 95-14-7; EC no.: 202-394-1)</b> CLASSIFICATIONS: Acute toxicity, oral (chapter 3.1), Cat. 4; Serious eye damage/eye irritation (chapter 3.3), Cat. 2; Skin corrosion/irritation (chapter 3.2), Cat. 2; Hazardous to the aquatic environment, long-term (chronic) (chapter 4.1), Cat. 2. HAZARDS: H302 - Harmful if swallowed; H315 - Causes skin irritation; H319 - Causes serious eye irritation; H411 - Toxic to aquatic life with long lasting effects.	<b>1 - 5 % (weight)</b>
<b>Silica, crystalline (CAS no.: 14808-60-7; EC no.: 238-878-4)</b> CLASSIFICATIONS: Carcinogenicity (chapter 3.6), Cat. 1A; Specific target organ toxicity following repeated exposure (chapter 3.9), Cat. 1. HAZARDS: H350 - May cause cancer; H372 - Causes damage to organs [lungs] through prolonged or repeated exposure [inhalation].	<b>1 - 5 % (weight)</b>
<b>TOLYLTRIAZOLE (CAS no.: 29385-43-1; EC no.: 249-596-6)</b> CLASSIFICATIONS: Acute toxicity, oral (chapter 3.1), Cat. 4; Hazardous to the aquatic environment, long-term (chronic) (chapter 4.1), Cat. 2. HAZARDS: H302 - Harmful if swallowed; H411 - Toxic to aquatic life with long lasting effects.	<b>0 - 1 % (weight)</b>
<b>Titanium(IV) oxide (CAS no.: 13463-67-7; EC no.: 236-675-5)</b> CLASSIFICATIONS: Carcinogenicity (chapter 3.6), Cat. 2. HAZARDS: H351 - Suspected of causing cancer.	<b>0 - 1 % (weight)</b>
<b>Diethanolamine (CAS no.: 111-42-2; EC no.: 203-868-0; Index no.: 603-071-00-1)</b> CLASSIFICATIONS: Acute toxicity, oral (chapter 3.1), Cat. 4; Serious eye damage/eye irritation (chapter 3.3), Cat. 1; Skin corrosion/irritation (chapter 3.2), Cat. 2; Specific target organ toxicity following repeated exposure (chapter 3.9), Cat. 2; Toxic to reproduction (chapter 3.7), Cat. 2. HAZARDS: H302 - Harmful if swallowed; H315 - Causes skin irritation; H318 - Causes serious eye damage; H361 - Suspected of damaging fertility or the unborn child [developmental toxicity, fertility]; H373 - May cause damage to organs [liver, blood, kidneys, nervous system] through prolonged or repeated exposure [ingestion].	<b>0 - 1 % (weight)</b>
<b>Paraffin waxes and Hydrocarbon waxes, microcryst (CAS no.: 63231-60-7; EC no.: 264-038-1)</b> CLASSIFICATIONS: No data available. HAZARDS: No data available.	<b>0 - 1 % (weight)</b>
<b>Smectite clay (CAS no.: 12199-37-0; EC no.: 235-374-6)</b> CLASSIFICATIONS: No data available. HAZARDS: No data available.	<b>0 - 1 % (weight)</b>

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<b>Component 18 (trade secret)*</b>	<b>0 - 1 % (weight), Trade secret*</b>
CLASSIFICATIONS: Acute toxicity, oral (chapter 3.1), Cat. 4; Serious eye damage/eye irritation (chapter 3.3), Cat. 1. HAZARDS: H302 - Harmful if swallowed; H318 - Causes serious eye damage.	
<b>Benzene, (tetrapropenyl) derivs. (CAS no.: 68512-02-7; EC no.: 270-954-2)</b>	<b>0 - 1 % (weight)</b>
CLASSIFICATIONS: Hazardous to the aquatic environment, long-term (chronic) (chapter 4.1), Cat. 4. HAZARDS: H413 - May cause long lasting harmful effects to aquatic life.	
<b>BUTYLATED HYDROXYTOLUENE (CAS no.: 128-37-0; EC no.: 204-881-4)</b>	<b>0 - 1 % (weight)</b>
CLASSIFICATIONS: Hazardous to the aquatic environment, short-term (acute) (chapter 4.1), Cat. 1; Hazardous to the aquatic environment, long-term (chronic) (chapter 4.1), Cat. 1. HAZARDS: H400 - Very toxic to aquatic life; H410 - Very toxic to aquatic life with long lasting effects.	
<b>Decanedioic acid, 1,10-bis(1,2,2,6,6-pentamethyl-4-piperidinyl) ester (CAS no.: 41556-26-7; EC no.: 255-437-1)</b>	<b>0 - 1 % (weight)</b>
CLASSIFICATIONS: Skin sensitizer (chapter 3.4), Cat. 1; Hazardous to the aquatic environment, short-term (acute) (chapter 4.1), Cat. 1; Hazardous to the aquatic environment, long-term (chronic) (chapter 4.1), Cat. 1. HAZARDS: H317 - May cause an allergic skin reaction; H400 - Very toxic to aquatic life; H410 - Very toxic to aquatic life with long lasting effects.	
<b>Decanedioic acid, 1-methyl 10-(1,2,2,6,6-pentamethyl-4-piperidinyl) ester (CAS no.: 82919-37-7; EC no.: 280-060-4)</b>	<b>0 - 1 % (weight)</b>
CLASSIFICATIONS: Skin sensitizer (chapter 3.4), Cat. 1; Hazardous to the aquatic environment, short-term (acute) (chapter 4.1), Cat. 1; Hazardous to the aquatic environment, long-term (chronic) (chapter 4.1), Cat. 1. HAZARDS: H317 - May cause an allergic skin reaction; H400 - Very toxic to aquatic life; H410 - Very toxic to aquatic life with long lasting effects.	
<b>(benzothiazol-2-ylthio)methyl thiocyanate (CAS no.: 21564-17-0; EC no.: 244-445-0; Index no.: 613-119-00-3)</b>	<b>0 - 1 % (weight)</b>
CLASSIFICATIONS: Acute toxicity, inhalation (chapter 3.1), Cat. 2; Acute toxicity, oral (chapter 3.1), Cat. 4; Skin corrosion/irritation (chapter 3.2), Cat. 2; Serious eye damage/eye irritation (chapter 3.3), Cat. 2; Skin sensitizer (chapter 3.4), Cat. 1; Hazardous to the aquatic environment, short-term (acute) (chapter 4.1), Cat. 1; Hazardous to the aquatic environment, long-term (chronic) (chapter 4.1), Cat. 1. HAZARDS: H302 - Harmful if swallowed; H315 - Causes skin irritation; H317 - May cause an allergic skin reaction; H319 - Causes serious eye irritation; H330 - Fatal if inhaled; H400 - Very toxic to aquatic life; H410 - Very toxic to aquatic life with long lasting effects.	
<b>Propylene glycol (CAS no.: 57-55-6; EC no.: 200-338-0)</b>	<b>0 - 1 % (weight)</b>
CLASSIFICATIONS: No data available. HAZARDS: No data available.	
<b>Undecan-1-ol, ethoxylated (CAS no.: 34398-01-1; EC no.: 500-084-3)</b>	<b>0 - 1 % (weight)</b>
CLASSIFICATIONS: Acute toxicity, oral (chapter 3.1), Cat. 4; Serious eye damage/eye irritation (chapter 3.3), Cat. 1. HAZARDS: H302 - Harmful if swallowed; H318 - Causes serious eye damage.	
<b>2-[(chloromethyl)thio]benzothiazole (CAS no.: 28908-00-1; EC no.: 249-306-8)</b>	<b>0 - 1 % (weight)</b>
CLASSIFICATIONS: No data available. HAZARDS: No data available.	

### Trade secret statement

\*The specific chemical identities and/or actual concentrations or actual concentration ranges for one or more listed components are being withheld as trade secrets under the US regulation 29 CFR 1910.1200(i).

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

General notes	First Aid responders should pay attention to self-protection and use the recommended protective clothing (chemical resistant gloves, splash protection). If potential for exposure exists, refer to Section 8 for specific personal protective equipment.
Following inhalation	Remove to fresh air and promote deep breathing. Get medical attention if effects persist.  Acute and delayed symptoms and effects: May cause respiratory irritation. Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain.
Following skin contact	Take off immediately all contaminated clothing. Wash with plenty of soap and water for at least 15 minutes. Get medical attention if irritation develops or persists. Wash contaminated clothing before reuse.  Acute and delayed symptoms and effects: Causes severe skin burns. Signs/symptoms may include localized redness, swelling, itching, intense pain, blistering, ulceration, and tissue destruction.
Following eye contact	Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention.

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Acute and delayed symptoms and effects: Causes serious eye damage. Signs/symptoms may include cloudy appearance of the cornea, chemical burns, severe pain, tearing, ulcerations, significantly impaired vision or complete loss of vision.

Following ingestion

Do not induce vomiting because of danger of aspirating liquid into lungs, causing serious damage and chemical pneumonitis. If spontaneous vomiting occurs, keep head below hips, or if patient is lying down, turn body and head to side to prevent aspiration and monitor for breathing difficulty. Never give anything by mouth to an unconscious person. Keep affected person warm and at rest. GET IMMEDIATE MEDICAL ATTENTION.

Acute and delayed symptoms and effects: Aspiration hazard. May be fatal if swallowed and enters airways. May cause gastrointestinal irritation. Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhea.

### 4.2 Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11

### 4.3 Indication of any immediate medical attention and special treatment needed

There is no specific antidote. Treatment of overexposure should be directed at the control of symptoms and the clinical condition of the patient. Any material aspirated during vomiting may cause lung injury. Therefore, emesis should not be induced mechanically or pharmacologically. If it is considered necessary to evacuate the stomach contents, this should be done by means least likely to cause aspiration (such as: Gastric lavage after endotracheal intubation).

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## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

### 5.2 Special hazards arising from the substance or mixture

D-Limonene: Carbon oxides.

### 5.3 Advice for firefighters

Wear self-contained breathing apparatus for firefighting if necessary.

#### Further information

Use water spray to cool unopened containers.

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## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

Wear personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel.

### 6.2 Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

### 6.3 Methods and material for containment and cleaning up

Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

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### 6.4 Reference to other sections

For disposal see section 13.

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## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

Avoid contact with skin and eyes. Do not eat, drink or smoke while handling. Wash hands with soap and water after handling. For precautions see section 2.

### 7.2 Conditions for safe storage, including any incompatibilities

Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

### 7.3 Specific end use(s)

Apart from the uses mentioned in section 1 no other specific uses are stipulated.

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## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### CAS: 110-91-8

Morpholine

Cal/OSHA: 20 ppm, (ST) 30 ppm PEL inhalation; NIOSH: 20 ppm, (ST) 30 ppm REL inhalation; OSHA: 20 ppm PEL inhalation; 70 mg/m<sup>3</sup> PEL inhalation

#### CAS: 111-42-2 (EC: 203-868-0)

Diethanolamine

ACGIH (USA): 1 mg/m<sup>3</sup> TWA inhalation; Cal/OSHA (USA): 0.46 ppm  
2 mg/m<sup>3</sup> PEL inhalation; NIOSH (USA): 3 ppm  
15 mg/m<sup>3</sup> TWA inhalation

#### CAS: 13463-67-7

Titanium dioxide - Total dust

ACGIH: 10 mg/m<sup>3</sup> TLV® inhalation; Cal/OSHA: See PNOR PEL inhalation; NIOSH: Ca, (ultrafine particles), 2.4 mg/m<sup>3</sup> (fine), 0.3 mg/m<sup>3</sup> (ultrafine), See Appendix A, See Appendix C REL inhalation

#### CAS: 14464-46-1

Silica, crystalline cristobalite, respirable dust

Cal/OSHA: See Annotated Z-3 PEL inhalation; NIOSH: See Annotated Z-3 REL inhalation; OSHA: See Annotated Z-3 ppm PEL inhalation; See Annotated Z-3 mg/m<sup>3</sup> PEL inhalation

#### CAS: 14808-60-7 (EC: 238-878-4)

Silica, crystalline

ACGIH: 0.025 mg/m<sup>3</sup> (resp.) for  $\alpha$ -quartz and cristobalite TLV® inhalation; Cal/OSHA: 0.05 mg/m<sup>3</sup> PEL inhalation; NIOSH: Ca 0.05 mg/m<sup>3</sup> REL inhalation; OSHA: 10 mg/m<sup>3</sup> / (% Silica + 2) respirable 30 mg/m<sup>3</sup> / (% Silica + 2) total PEL-TWA inhalation

#### CAS: 57-55-6 (EC: 200-338-0)

Propylene glycol

OSHA (USA): 10 mg/m<sup>3</sup> TWA inhalation

#### CAS: 5989-27-5 (EC: 227-813-5)

D-Limonene

ACGIH: 20 ppm TLV® inhalation

#### CAS: 13463-67-7

Titanium dioxide

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Cal/OSHA: 5 mg/m<sup>3</sup> (Resp), 10 mg/m<sup>3</sup> (Total) PEL inhalation; OSHA: 5 mg/m<sup>3</sup> (Resp), 15 mg/m<sup>3</sup> (Total) PEL inhalation

### 8.2 Exposure controls

#### Appropriate engineering controls

Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapor, gas, etc.) below recommended exposure limits.

#### Personal protection equipment

##### Eye and face protection

Tightly fitting safety goggles. If splash hazard, wear faceshield (8-inch minimum). Use equipment for eye protection that meets the standards referenced by OSHA regulations in 29 CFR 1910.133 for Personal Protective Equipment.

##### Skin protection

Wear protective gloves, such as nitrile gloves.

##### Body protection

Wear suitable protective clothing.

##### Respiratory protection

Provide good ventilation. Respiratory protection is not required under normal use conditions.

##### Thermal hazards

No data available.

##### Control banding approach

No data available.

##### Environmental exposure controls

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

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## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Appearance	Liquid, Milky-Amber.
Odor	Lemon.
Odor threshold	No data available.
pH	No data available.
Melting point / freezing point	No data available.
Initial boiling point and boiling range	No data available.
Flash point	> 93 C / > 201 F
Evaporation rate	No data available.
Flammability (solid, gas)	Class II
Upper/lower flammability limits	Upper: No data available. Lower: 0.95 (Lowest Component)
Upper/lower explosive limits	No data available.
Vapor pressure	17.3 mm Hg at 20 C / 68 F
Vapor density	0.761
Relative density	1.140 at 20 C / 68 F
Total VOC's (TVOC)	9.0 Vol% / 78.1 g/L / 0.6 Lbs/Gal
Nonexempt VOC's (CVOC)	5.0 Vol% / 44.5 g/L / 0.3 Lbs/Gal

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Hazardous Air Pollutants (HAPS)	0.0 Wt% / 0.0 g/L / 0.00 Lbs/Gal
Nonexempt VOC Partial Pressure	0.0 mm Hg at 20 C / 68 F
Solubilit(ies)	Appreciable.
Partition coefficient: n-octanol/water	No data available.
Auto-ignition temperature	260 C / 500 F
Decomposition temperature	No data available.
Viscosity	No data available.
Explosive properties	No data available.
Oxidizing properties	No data available.

### 9.2 Other information

No data available.

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## SECTION 10: Stability and reactivity

### 10.1 Reactivity

Contact with incompatible materials. Sources of ignition. Exposure to heat.

### 10.2 Chemical stability

Stable under normal storage conditions.

### 10.3 Possibility of hazardous reactions

No data available.

### 10.4 Conditions to avoid

Heat, flames and sparks. Incompatible products. Keep away from open flames, hot surfaces and sources of ignition.

### 10.5 Incompatible materials

D-Limonene: Strong oxidizing agents

Silica, crystalline : Hydrogen fluoride

Titanium(IV) oxide : Strong acids

Diethanolamine: Oxidizing agents, Copper, Zinc, Iron

Propylene glycol: Acid chlorides, Acid anhydrides, Oxidizing agents, Chloroformates, Reducing agents

### 10.6 Hazardous decomposition products

No data available.

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## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

#### Acute toxicity

Likely Routes of Exposure: Eye contact. Skin contact. Inhalation. Ingestion.

Acute and delayed symptoms and effects from inhalation, skin and eye contact and ingestion are listed in Section 4.

Components:

#### Morpholine (CAS no.: 110-91-8)

No supporting data available; Classified as Acute Toxicity Category 4 (inhalation; dermal) according to UN GHS Classification



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### **Silica, crystalline cristobalite (CAS no.: 14464-46-1)**

No supporting data available; Classified as Acute Toxicity Category 4 (inhalation) according to UN GHS Classification

### **(benzothiazol-2-ylthio)methyl thiocyanate (CAS no.: 21564-17-0)**

LD50 Intraperitoneal - Mouse - 143 mg/kg

LD50 Intraperitoneal - Rat - 73 mg/kg

LD50 Oral - Mouse - 445 mg/kg

LD50 Oral - Rat - 2 gm/kg

LD50 Skin - Rabbit - 10 gm/kg

LD50 Skin - Rat - >5 gm/kg

LD50 Subcutaneous - Mouse - 205 mg/kg

LD50 Subcutaneous - Rat - 1300 mg/kg

Reference: Nippon Noyaku Gakkaishi, 12,343,1987

### **1,2,3-BENZOTRIAZOLE (CAS no.: 95-14-7)**

No supporting data available; Classified as Acute Toxicity Category 4 (oral) according to UN GHS Classification

### **TOLYLTRIAZOLE (CAS no.: 29385-43-1)**

No supporting data available; Classified as Acute Toxicity Category 4 (oral) according to UN GHS Classification

### **Diethanolamine (CAS no.: 111-42-2)**

LD50 Intramuscular - Rat - 1500 mg/kg

LD50 Intraperitoneal - Mouse - 210 mg/kg

LD50 Intraperitoneal - Rat - 120 mg/kg

LD50 Intravenous - Rat - 778 mg/kg

LD50 Oral - Guinea Pig - 2 gm/kg

LD50 Oral - Mouse - 3300 mg/kg

LD50 Oral - Rabbit - 2200 mg/kg

LD50 Oral - Rat - 620 µL/kg

LD50 Skin- Guinea Pig - 11900 µL/kg

LD50 Skin - Rabbit - 7640 µL/kg

LD50 Subcutaneous - Rat - 2200 mg/kg

Reference: Environmental Space Science. English Translation of Kosmicheskaya Biologiya Meditsina. 1967-70., 2,289,1968 ; National Technical Information Service. (Springfield, VA 22161) Formerly U.S. Clearinghouse for Scientific & Technical Information., OTS0516742 ; Documentation of the Threshold Limit Values and Biological Exposure Indices, 5th ed., Cincinnati, OH, American Conference of Governmental Industrial Hygienists, Inc., 1986, 5,197,1986 ; Gigiena i Sanitariya, 29(11),25,1964

### **Benzenesulfonic acid, mono-C9-17-branched alkyl derivs, compds with 2-propanamine (CAS no.: 68649-00-3)**

No supporting data available; Classified as Acute Toxicity Category 4 (oral) according to UN GHS Classification

### **Undecan-1-ol, ethoxylated (CAS no.: 34398-01-1)**

No supporting data available; Classified as Acute Toxicity Category 4 (oral) according to UN GHS Classification

### **Skin corrosion/irritation**

Causes severe skin burns.

### **Serious eye damage/irritation**

Causes serious eye damage.

### **Respiratory or skin sensitization**

May cause an allergic skin reaction.

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### Germ cell mutagenicity

Based on available data, classification data are not met.

### Carcinogenicity

#### Components:

Silica, crystalline

CAS number: 14464-46-1

Silica, crystalline

CAS number: 14808-60-7

Titanium(IV) oxide

CAS number: 13463-67-7

### Reproductive toxicity

Suspected of damaging fertility or the unborn child.

#### Components:

Diethanolamine

CAS number: 111-42-2

### STOT-single exposure

Based on available data, classification data are not met.

### STOT-repeated exposure

Causes damage to organs through prolonged or repeated exposure.

### Aspiration hazard

Based on available data, classification data are not met.

---

## SECTION 12: Ecological information

### 12.1 Toxicity

#### Components:

D-Limonene

CAS number: 5989-27-5

BUTYLATED HYDROXYTOLUENE

CAS number: 128-37-0

Decanedioic acid, 1,10-bis(1,2,2,6,6-pentamethyl-4-piperidiny) ester

CAS number: 41556-26-7

Decanedioic acid, 1-methyl 10-(1,2,2,6,6-pentamethyl-4-piperidiny) ester

CAS number: 82919-37-7

Benzenesulfonic acid, mono-C9-17-branched alkyl derivs, compds with 2-propanamine

CAS number: 68649-00-3

(benzothiazol-2-ylthio)methyl thiocyanate

CAS number: 21564-17-0

# Safety Data Sheet

## One Shot Metal Polish

1,2,3-BENZOTRIAZOLE  
CAS number: 95-14-7

TOLYLTRIAZOLE  
CAS number: 29385-43-1

### 12.2 Persistence and degradability

No data available on product.

### 12.3 Bioaccumulative potential

No data available on product.

### 12.4 Mobility in soil

No data available on product.

### 12.5 Results of PBT and vPvB assessment

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted.

### 12.6 Other adverse effects

No data available on product.

---

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

#### Disposal of the product

Disposal should be in accordance with applicable Federal, State and local laws and regulations. Local regulations may be more stringent than State or Federal requirements.

#### Disposal of contaminated packaging

Dispose of as unused product.

#### Waste treatment

No data available.

#### Sewage disposal

No data available.

#### Other disposal recommendations

No data available.

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## SECTION 14: Transport information

#### DOT (US)

Not regulated.

#### IMDG

Not regulated.

#### IATA

Not regulated.

---

## SECTION 15: Regulatory information

### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

# Safety Data Sheet

## One Shot Metal Polish

### California Prop. 65 Components

WARNING! This product contains a chemical known to the State of California to cause cancer.

Chemical name: Silica, crystalline

CAS number: 14808-60-7

10/01/1988 – Cancer

Titanium dioxide (airborne, unbound particles of respirable size)

CAS number: 13463-67-7

Chemical name: Diethanolamine

CAS number: 111-42-2

06/22/2012 - Cancer

(Common byproduct in Undecan-1-ol, ethoxylated :

WARNING: This product may contain a chemical known to the State of California to cause cancer and birth defects or other reproductive harm: ethylene oxide (75-21-8).

### Massachusetts Right To Know Components

D-Limonene

CAS number: 5989-27-5

Chemical name: Quartz

CAS number: 14808-60-7

Diethanolamine

CAS number: 111-42-2

### New Jersey Right To Know Components

Water

CAS number: 7732-18-5

Common name: SILICA, CRISTOBALITE

CAS number: 14464-46-1

D-Limonene

CAS number: 5989-27-5

Oleic acid

CAS number: 112-80-1

Common name: MORPHOLINE

CAS number: 110-91-8

Common name: SILICA, QUARTZ

CAS number: 14808-60-7

Chemical name: Titanium dioxide

CAS number: 13463-67-7

Diethanolamine

CAS number: 111-42-2

Common name: 2,6-DI-tert-BUTYL-p-CRESOL

# Safety Data Sheet

## One Shot Metal Polish

CAS number: 128-37-0

Common name: THIOCYANIC ACID, (2-BENZOTHAZOLYLTHIO)METHYL ESTER  
CAS number: 21564-17-0

Propylene glycol  
CAS number: 57-55-6

### Pennsylvania Right To Know Components

Water  
CAS number: 7732-18-5

Chemical name: Silica amorphous diatomaceous earth (uncalcined) Silica Gel  
CAS number: 68855-54-9

Chemical name: Cristobalite  
CAS number: 14464-46-1

D-Limonene  
CAS number: 5989-27-5

Oleic acid  
CAS number: 112-80-1

Chemical name: Morpholine  
CAS number: 110-91-8

Chemical name: Quartz  
CAS number: 14808-60-7

Chemical name: Titanium dioxide  
CAS number: 13463-67-7

Diethanolamine  
CAS number: 111-42-2

Chemical name: Phenol, 2,6-bis(1,1dimethylethyl)-4-methyl-  
CAS number: 128-37-0

Propylene glycol  
CAS number: 57-55-6

### SARA 302 Components

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

### SARA 311/312 Hazards

Fire Hazard, Acute Health Hazard, Chronic Health Hazard

### SARA 313 Components

The following components are subject to reporting levels established by SARA Title III, Section 313:

Diethanolamine  
CAS number: 111-42-2

# Safety Data Sheet

## One Shot Metal Polish

### 15.2 Chemical Safety Assessment

CANADA: WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEMS (WHMIS)

B3: Combustible Liquid.

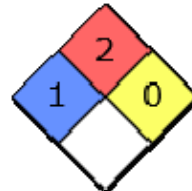
D2B: Irritating to skin / eyes.

This product was classified using the hazard criteria of the Controlled Products Regulations (CPR). This document contains all information required by the CPR.

#### HMIS Rating

One Shot Metal Polish	
HEALTH	1
FLAMMABILITY	2
PHYSICAL HAZARD	0
PERSONAL PROTECTION	

#### NFPA Rating



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## SECTION 16: Other information

### Full text of hazard statements referenced in Section 2

H312	Harmful in contact with skin
H314	Causes severe skin burns and eye damage
H317	May cause an allergic skin reaction
H318	Causes serious eye damage
H350	May cause cancer
H361	Suspected of damaging fertility or the unborn child [developmental toxicity, fertility]
H372	Causes damage to organs [lungs; liver, blood, kidneys, nervous system] through prolonged or repeated exposure [inhalation; ingestion]
H411	Toxic to aquatic life with long lasting effects

See Section 2 (Hazards Identification). Employees should be made aware of all hazards of this material (as stated in this SDS) before handling it.

This Safety Data Sheet has been revised 12/06/19 and supersedes all previous Safety Data Sheets. The original SDS was issued 04/23/2015. Revisions have been made to comply with OSHA and EU/EEA requirements. Revisions have been made to Section 2 Hazards and Section 3 Components to reflect CLP and REACH registrations.

### Further information/disclaimer

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